



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

November 1994

## September 1994

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE:** Data in this bulletin are now available electronically through a personal computer and modem. Our Labor Market Information Division's new bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227).

California's agricultural employment totaled 428,700 in September, an increase of 6,800 from the August 1994 level of 421,900. (Table 1-A.) The year-over change was a decrease of 6.5% from the September 1993 total. Employment increases over the previous month occurred in both the San Joaquin Valley and North Coast Regions.

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### Wage and Salary Workers in Agricultural Establishments For September 1994 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	428.7	210.1	58.5	69.1	25.4	32.7	19.6
Total Crops	247.6	107.2	38.3	46.2	11.6	23.9	14.0
Total Livestock	25.7	13.4	2.2	1.0	5.2	1.5	2.0
Total Services	155.4	89.5	18.0	21.9	8.6	7.3	3.6

Source: Tables 1-A through 7-A.

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## CHANGES FROM ONE YEAR AGO

Agricultural employment in California was 29,600 below the September 1993 total. (Tables 1-A through 7-A.). This loss was due to significantly lower employment in the grape industry in the San Joaquin Valley Region. The remaining regions were little changed from a year ago.

The average hourly earnings for California production workers in September 1994 were \$6.57, a six cent difference from the September 1993 figure. (Table 1-E).

## REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during September were:

- Desert: None
- South Coast: Strawberries, oranges, lemons, and broccoli (harvest), tomato and horticulture (plant, cultivate & harvest).
- Central Coast: Broccoli, cauliflower, lettuce, strawberries, and celery (harvest), miscellaneous vegetables, grapes, (harvest/preharvest), and horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Cantaloupe, lettuce, peaches, plums, tomatoes, pistachios, almonds, sweet potatoes, cucumbers, silage corn, and olives (harvest), and grapes (raisin, table, wine) (hand harvest, turn and roll tray).
- Sacramento Valley: None
- North Coast: Grapes (harvest).

## AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 401,300 in September, an increase of 6,700 over the August level of 394,600. (Table 1-B.)

The September average weekly earnings for California production workers were \$289.08. Regional averages ranged from a low of \$281.66 in the South Coast Region to a high of \$312.36 in the Desert Region. (Tables 1-C through 7-C.)

The average hourly workweek in California was 44.0 hours in September, 0.4 hours above the August level of 43.6 hours. The region with the shortest workweek was the North Coast with 38.9 hours. The longest workweek was in the Sacramento Valley Region at 49.0 hours. (Tables 1-D through 7-D.)

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## Average Hourly Earnings of Production Workers

For September 1994

(In Dollars per Hour)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	6.57	6.32	6.52	7.19	6.82	6.24	7.65
Total Crops	6.55	6.36	6.49	7.01	6.33	6.32	7.52
Total Livestock	7.38	7.54	7.51	7.45	8.22	6.27	6.81
Total Services	6.46	6.09	6.48	7.60	6.56	5.99	8.73

Source: Tables 1-E through 7-E.

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### DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

### DATA COMMENTS:

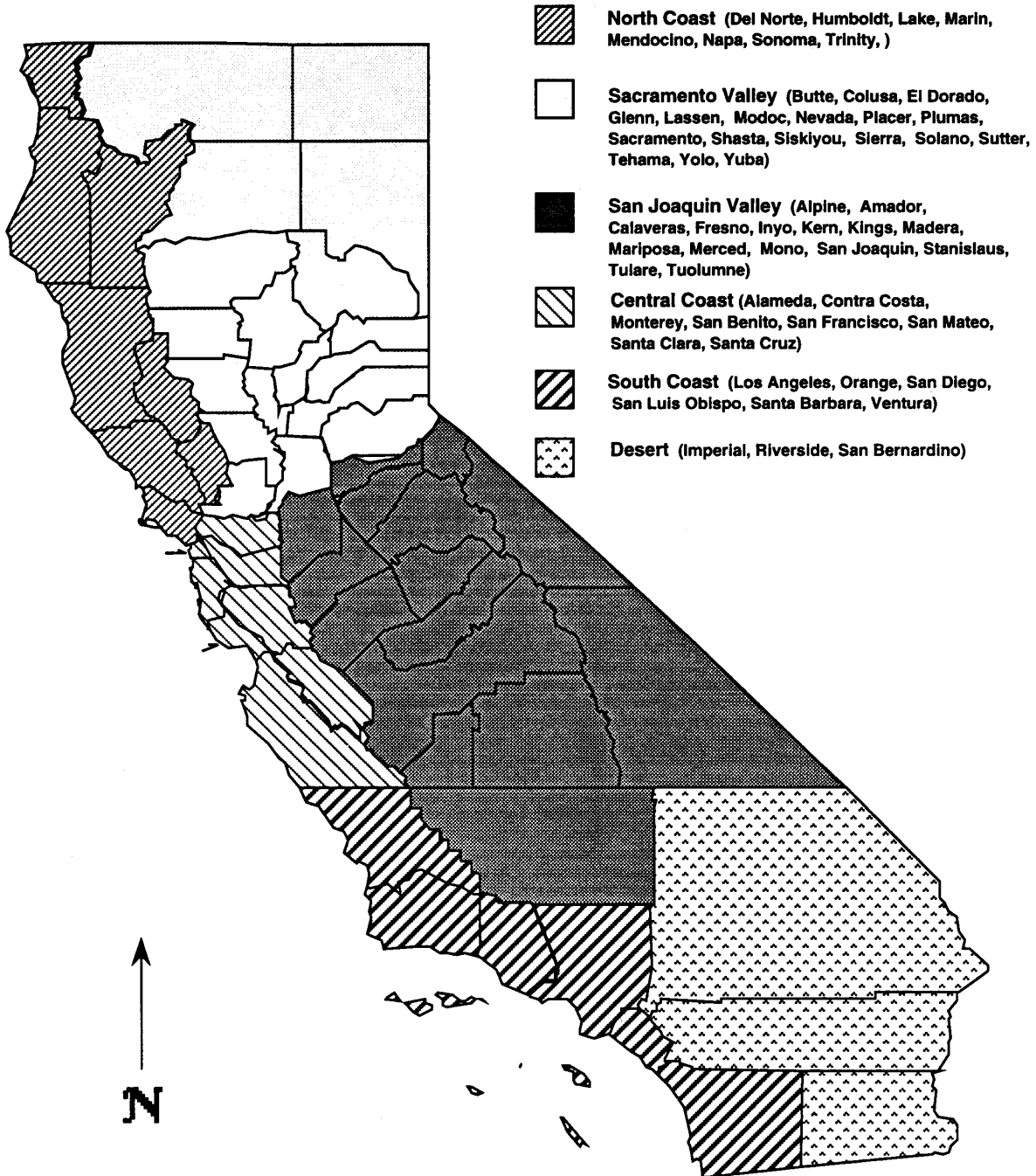
**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.**

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-0019 or call (916) 262-2321.** (Calnet 8-469-2321).

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**LABOR MARKET INFORMATION DIVISION**  
**EMPLOYMENT DEVELOPMENT DEPARTMENT**



# CALIFORNIA

## Wage and Salary Employment

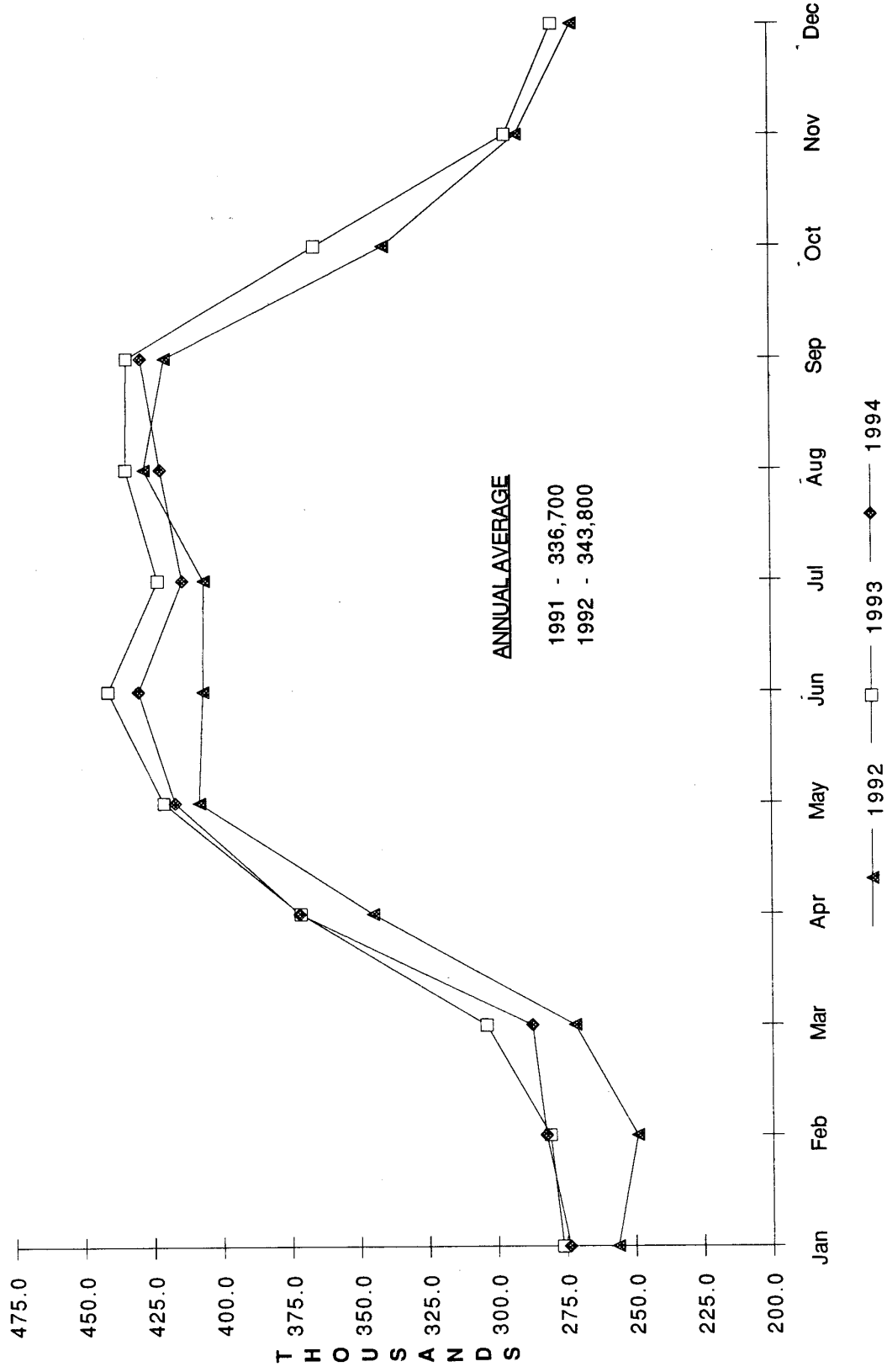


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	428.7	421.9	458.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	247.6	240.9	276.6
CASH GRAINS	3.0	3.0	3.1
RICE	1.8	1.6	1.9
OTHER CASH GRAINS	1.2	1.4	1.2
FIELD CROPS EXCEPT CASH GRAINS	13.6	14.6	13.4
COTTON	6.9	7.6	6.9
OTHER FIELD CROPS	6.7	7.0	6.5
VEGETABLES AND MELONS	39.6	40.5	39.6
TOTAL FRUITS AND TREE NUTS	129.0	118.9	158.2
BERRIES	20.2	20.4	21.3
GRAPES	60.3	48.1	88.9
TREE NUTS	11.6	8.2	11.0
CITRUS FRUITS	5.4	5.3	5.3
DECIDUOUS TREE FRUIT	17.2	23.0	17.3
OTHER FRUITS AND NUTS	14.3	13.9	14.4
TOTAL HORTICULTURAL SPECIALTIES	28.7	28.5	28.5
ORNAMENTAL FLORAL & NURSERY	25.3	25.1	25.1
FOOD CROPS GROWN UNDER COVER	3.4	3.4	3.4
GENERAL FARM PRIMARILY CROP	33.7	35.4	33.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.7	25.8	25.8
BEEF CATTLE FEED LOTS	0.6	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.5	3.5	3.6
DAIRY FARMS	13.8	13.8	13.8
CHICKEN EGGS	2.8	2.9	2.8
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.0	4.0	4.0
TOTAL AGRICULTURAL SERVICES	155.4	155.2	155.9
SOIL PREPARATION SERVICES	1.4	1.3	1.5
CROP SERVICES	43.4	45.5	42.7
PLANT CULTIVATE & PROTECTION	4.8	5.0	4.9
HARVEST PRIMARILY BY MACHINE	7.9	8.0	7.7
PREPARATION SVCS FOR MARKET	29.8	31.7	29.2
COTTON GINNING	0.9	0.8	0.9
TOTAL FARM LABOR & MANAGEMENT	110.6	108.4	111.7
FARM LABOR CONTRACTORS	101.4	100.4	102.3
FARM MANAGEMENT SERVICES	9.2	8.0	9.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	401.3	394.6	396.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	229.2	223.0	223.9
CASH GRAINS	2.6	2.6	2.7
RICE	1.5	1.3	1.6
OTHER CASH GRAINS	1.1	1.3	1.1
FIELD CROPS EXCEPT CASH GRAINS	12.2	13.3	12.2
COTTON	6.1	6.9	6.2
OTHER FIELD CROPS	6.1	6.4	6.0
VEGETABLES AND MELONS	36.7	37.7	36.7
TOTAL FRUITS AND TREE NUTS	122.8	112.9	117.4
BERRIES	19.8	20.1	20.9
GRAPES	57.4	45.4	51.5
TREE NUTS	10.8	7.3	10.2
CITRUS FRUITS	4.9	4.7	4.8
DECIDUOUS TREE FRUIT	16.3	22.0	16.2
OTHER FRUITS AND NUTS	13.6	13.4	13.8
TOTAL HORTICULTURAL SPECIALTIES	23.7	23.4	23.5
ORNAMENTAL FLORAL & NURSERY	20.7	20.4	20.5
FOOD CROPS GROWN UNDER COVER	3.0	3.0	3.0
GENERAL FARM PRIMARILY CROP	31.2	33.1	31.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.8	23.1	23.0
BEEF CATTLE FEED LOTS	0.5	0.5	0.5
BEEF CATTLE EXCEPT FEED LOTS	2.9	3.0	3.0
DAIRY FARMS	12.9	13.0	13.0
CHICKEN EGGS	2.1	2.2	2.1
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.6	3.6	3.6
TOTAL AGRICULTURAL SERVICES	149.3	148.5	149.5
SOIL PREPARATION SERVICES	1.1	1.0	1.2
CROP SERVICES	39.4	41.1	38.4
PLANT CULTIVATE & PROTECTION	4.1	4.2	4.0
HARVEST PRIMARILY BY MACHINE	7.4	7.5	7.2
PREPARATION SVCS FOR MARKET	27.3	28.8	26.6
COTTON GINNING	0.6	0.6	0.6
TOTAL FARM LABOR & MANAGEMENT	108.8	106.4	109.9
FARM LABOR CONTRACTORS	100.2	99.0	101.1
FARM MANAGEMENT SERVICES	8.6	7.4	8.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	289.08	283.40	294.37
TOTAL AGRICULTURAL PRODUCTION/CROPS	295.41	294.31	300.25
CASH GRAINS	351.56	342.02	392.39
RICE	368.33	342.39	426.24
OTHER CASH GRAINS	327.92	342.50	340.82
FIELD CROPS EXCEPT CASH GRAINS	316.87	343.20	336.96
COTTON	299.38	337.73	326.27
OTHER FIELD CROPS	334.50	348.82	348.48
VEGETABLES AND MELONS	314.38	317.39	312.70
TOTAL FRUITS AND TREE NUTS	277.56	271.33	280.37
BERRIES	293.48	294.64	280.67
GRAPES	279.07	275.04	280.56
TREE NUTS	305.82	285.72	313.87
CITRUS FRUITS	286.89	293.99	283.46
DECIDUOUS TREE FRUIT	246.03	230.04	274.72
OTHER FRUITS AND NUTS	259.01	272.79	260.22
TOTAL HORTICULTURAL SPECIALTIES	317.17	316.69	319.70
ORNAMENTAL FLORAL & NURSERY	304.52	304.19	303.60
FOOD CROPS GROWN UNDER COVER	403.16	402.12	431.38
GENERAL FARM PRIMARILY CROP	315.80	310.37	323.12
TOTAL AGRIC PRODUCTION/LIVESTOCK	352.76	351.59	352.03
BEEF CATTLE FEED LOTS	357.15	367.20	365.11
BEEF CATTLE EXCEPT FEED LOTS	347.65	333.07	352.94
DAIRY FARMS	369.98	369.26	363.27
CHICKEN EGGS	307.85	313.57	333.60
TURKEYS & TURKEY EGGS	386.25	390.16	384.56
OTHER LIVESTOCK	312.84	317.05	314.69
TOTAL AGRICULTURAL SERVICES	270.03	257.36	275.70
SOIL PREPARATION SERVICES	511.34	541.26	505.80
CROP SERVICES	299.43	296.31	300.94
PLANT CULTIVATE & PROTECTION	337.61	340.11	354.35
HARVEST PRIMARILY BY MACHINE	298.33	278.99	292.93
PREPARATION SVCS FOR MARKET	292.11	292.60	292.74
COTTON GINNING	392.94	410.75	393.83
TOTAL FARM LABOR & MANAGEMENT	256.65	239.68	264.18
FARM LABOR CONTRACTORS	252.89	235.13	260.82
FARM MANAGEMENT SERVICES	303.03	300.07	301.89

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	44.0	43.6	44.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.1	45.7	45.7
CASH GRAINS	51.7	52.7	55.5
RICE	51.3	50.8	59.2
OTHER CASH GRAINS	52.3	54.8	49.9
FIELD CROPS EXCEPT CASH GRAINS	48.9	52.8	52.0
COTTON	46.2	52.2	51.3
OTHER FIELD CROPS	51.7	53.5	52.8
VEGETABLES AND MELONS	45.3	45.8	44.8
TOTAL FRUITS AND TREE NUTS	42.9	43.0	43.2
BERRIES	46.0	46.4	44.2
GRAPES	41.1	41.8	42.0
TREE NUTS	50.3	47.7	49.9
CITRUS FRUITS	39.3	42.3	38.1
DECIDUOUS TREE FRUIT	41.7	39.8	43.4
OTHER FRUITS AND NUTS	42.6	44.5	42.8
TOTAL HORTICULTURAL SPECIALTIES	46.1	46.3	46.4
ORNAMENTAL FLORAL & NURSERY	46.0	46.3	46.0
FOOD CROPS GROWN UNDER COVER	46.5	45.8	49.3
GENERAL FARM PRIMARILY CROP	51.1	51.3	52.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.8	47.9	47.7
BEEF CATTLE FEED LOTS	52.6	54.0	53.3
BEEF CATTLE EXCEPT FEED LOTS	44.4	43.2	45.6
DAIRY FARMS	49.2	49.3	48.5
CHICKEN EGGS	47.0	47.8	48.7
TURKEYS & TURKEY EGGS	51.5	52.3	50.8
OTHER LIVESTOCK	44.5	45.1	44.7
TOTAL AGRICULTURAL SERVICES	41.8	39.9	41.9
SOIL PREPARATION SERVICES	55.4	58.2	55.4
CROP SERVICES	41.3	41.5	41.0
PLANT CULTIVATE & PROTECTION	45.5	46.4	46.2
HARVEST PRIMARILY BY MACHINE	39.1	37.6	37.7
PREPARATION SVCS FOR MARKET	41.2	41.8	41.0
COTTON GINNING	44.3	46.1	44.4
TOTAL FARM LABOR & MANAGEMENT	41.8	39.1	42.0
FARM LABOR CONTRACTORS	41.8	38.8	42.0
FARM MANAGEMENT SERVICES	42.5	43.3	42.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	6.57	6.50	6.63
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.55	6.44	6.57
CASH GRAINS	6.80	6.49	7.07
RICE	7.18	6.74	7.20
OTHER CASH GRAINS	6.27	6.25	6.83
FIELD CROPS EXCEPT CASH GRAINS	6.48	6.50	6.48
COTTON	6.48	6.47	6.36
OTHER FIELD CROPS	6.47	6.52	6.60
VEGETABLES AND MELONS	6.94	6.93	6.98
TOTAL FRUITS AND TREE NUTS	6.47	6.31	6.49
BERRIES	6.38	6.35	6.35
GRAPES	6.79	6.58	6.68
TREE NUTS	6.08	5.99	6.29
CITRUS FRUITS	7.30	6.95	7.44
DECIDUOUS TREE FRUIT	5.90	5.78	6.33
OTHER FRUITS AND NUTS	6.08	6.13	6.08
TOTAL HORTICULTURAL SPECIALTIES	6.88	6.84	6.89
ORNAMENTAL FLORAL & NURSERY	6.62	6.57	6.60
FOOD CROPS GROWN UNDER COVER	8.67	8.78	8.75
GENERAL FARM PRIMARILY CROP	6.18	6.05	6.19
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.38	7.34	7.38
BEEF CATTLE FEED LOTS	6.79	6.80	6.85
BEEF CATTLE EXCEPT FEED LOTS	7.83	7.71	7.74
DAIRY FARMS	7.52	7.49	7.49
CHICKEN EGGS	6.55	6.56	6.85
TURKEYS & TURKEY EGGS	7.50	7.46	7.57
OTHER LIVESTOCK	7.03	7.03	7.04
TOTAL AGRICULTURAL SERVICES	6.46	6.45	6.58
SOIL PREPARATION SERVICES	9.23	9.30	9.13
CROP SERVICES	7.25	7.14	7.34
PLANT CULTIVATE & PROTECTION	7.42	7.33	7.67
HARVEST PRIMARILY BY MACHINE	7.63	7.42	7.77
PREPARATION SVCS FOR MARKET	7.09	7.00	7.14
COTTON GINNING	8.87	8.91	8.87
TOTAL FARM LABOR & MANAGEMENT	6.14	6.13	6.29
FARM LABOR CONTRACTORS	6.05	6.06	6.21
FARM MANAGEMENT SERVICES	7.13	6.93	7.12

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

**SAN JOAQUIN**  
**Wage and Salary Employer**

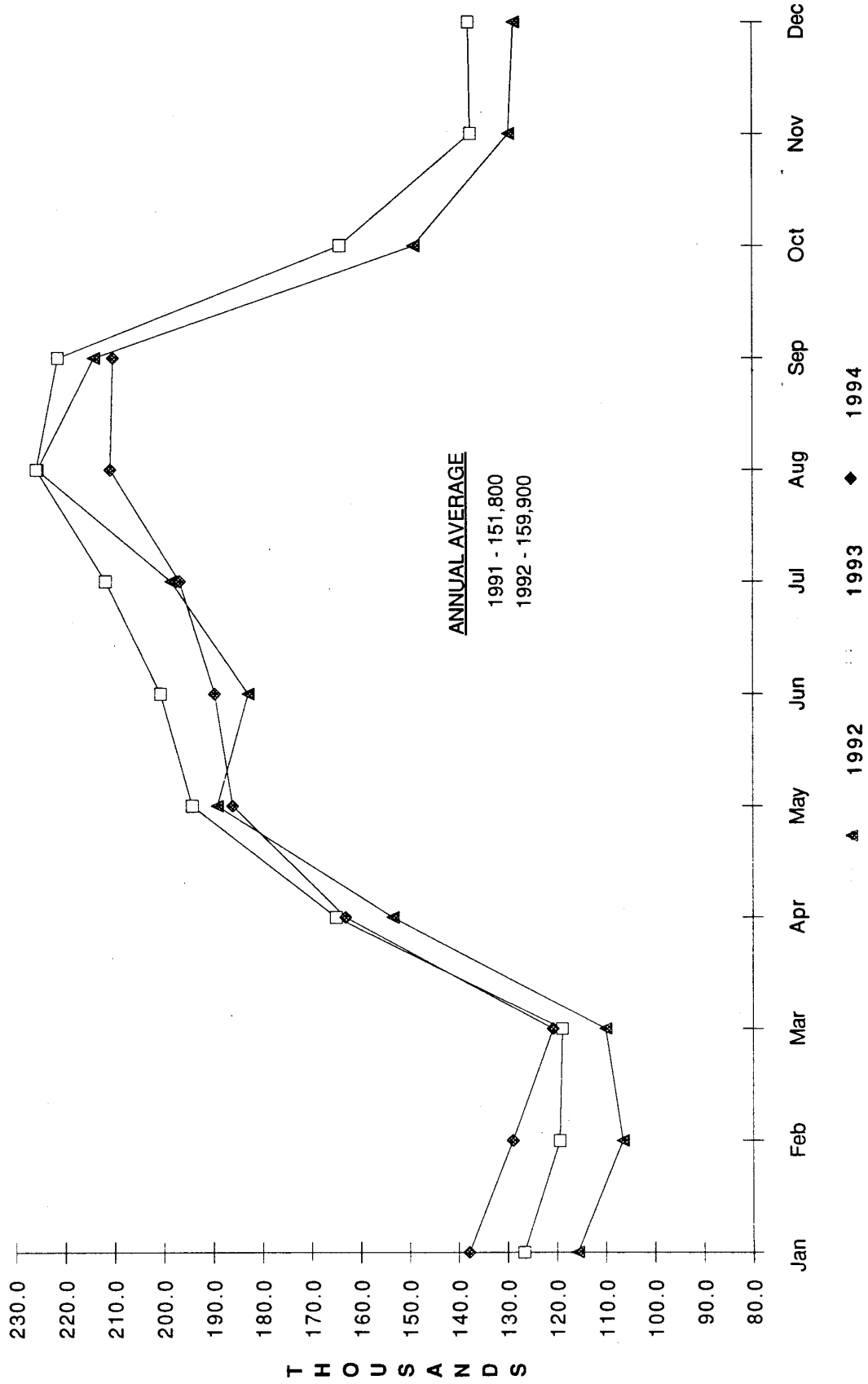


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	210.1	210.7	239.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	107.2	107.0	135.9
TOTAL FIELD CROPS	10.8	11.8	10.9
COTTON	6.3	7.1	6.4
OTHER FIELD CROPS	4.5	4.7	4.5
VEGETABLES AND MELONS	8.4	10.3	8.6
TOTAL FRUITS AND TREE NUTS	68.3	63.9	97.0
GRAPES	40.6	35.2	69.4
TREE NUTS	7.4	5.5	7.2
CITRUS FRUITS	2.2	2.4	2.2
DECIDUOUS TREE FRUIT	9.1	12.1	9.1
OTHER FRUITS AND NUTS	9.0	8.7	9.1
HORTICULTURAL SPECIALTIES	2.3	2.2	2.2
GENERAL FARM PRIMARILY CROP	17.4	16.8	17.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.4	13.6	13.3
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.2
DAIRY FARMS	9.0	9.1	9.0
POULTRY & EGGS	1.8	1.9	1.8
OTHER LIVESTOCK	1.2	1.2	1.1
TOTAL AGRICULTURAL SERVICES	89.5	90.1	90.0
CROP SERVICES	21.9	22.6	21.5
PLANT CULTIVATE & PROTECTION	3.8	3.9	3.8
HARVEST PRIMARILY BY MACHINE	2.3	2.3	2.5
PREPARATION SVCS FOR MARKET	15.0	15.6	14.4
COTTON GINNING	0.8	0.8	0.8
TOTAL FARM LABOR & MANAGEMENT	67.6	67.5	68.5
FARM LABOR CONTRACTORS	62.6	62.8	63.5
FARM MANAGEMENT SERVICES	5.0	4.7	5.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	199.8	199.9	197.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	101.4	101.2	98.6
TOTAL FIELD CROPS	9.7	10.7	9.8
COTTON	5.6	6.4	5.7
OTHER FIELD CROPS	4.1	4.3	4.1
VEGETABLES AND MELONS	7.9	9.8	8.1
TOTAL FRUITS AND TREE NUTS	66.0	61.4	63.0
GRAPES	39.6	34.2	36.9
TREE NUTS	6.9	4.9	6.6
CITRUS FRUITS	2.0	2.2	2.0
DECIDUOUS TREE FRUIT	8.8	11.7	8.7
OTHER FRUITS AND NUTS	8.7	8.4	8.8
HORTICULTURAL SPECIALTIES	1.8	1.8	1.8
GENERAL FARM PRIMARILY CROP	16.0	17.5	15.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.2	12.4	12.3
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.0	1.0
DAIRY FARMS	8.4	8.5	8.5
POULTRY & EGGS	1.6	1.7	1.6
OTHER LIVESTOCK	1.0	1.0	1.0
TOTAL AGRICULTURAL SERVICES	86.2	86.3	86.7
CROP SERVICES	19.4	19.7	19.1
PLANT CULTIVATE & PROTECTION	3.2	3.3	3.2
HARVEST PRIMARILY BY MACHINE	2.0	2.0	2.2
PREPARATION SVCS FOR MARKET	13.7	13.9	13.2
COTTON GINNING	0.5	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	66.8	66.6	67.6
FARM LABOR CONTRACTORS	62.0	62.1	62.9
FARM MANAGEMENT SERVICES	4.8	4.5	4.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	283.14	272.69	289.99
TOTAL AGRICULTURAL PRODUCTION/CROPS	285.56	285.66	293.12
TOTAL FIELD CROPS	327.00	344.66	346.21
COTTON	308.75	334.75	331.76
OTHER FIELD CROPS	353.10	359.70	367.04
VEGETABLES AND MELONS	274.36	309.16	294.76
TOTAL FRUITS AND TREE NUTS	279.04	265.17	281.20
GRAPES	286.23	274.35	284.03
TREE NUTS	307.52	283.68	306.46
CITRUS FRUITS	263.41	271.72	271.20
DECIDUOUS TREE FRUIT	241.95	222.78	264.36
OTHER FRUITS AND NUTS	263.08	272.89	267.93
HORTICULTURAL SPECIALTIES	326.63	318.12	322.81
GENERAL FARM PRIMARILY CROP	291.18	304.80	304.92
TOTAL AGRIC PRODUCTION/LIVESTOCK	362.67	361.10	356.52
BEEF CATTLE FEED LOTS	371.37	368.20	372.12
BEEF CATTLE EXCEPT FEED LOTS	347.19	338.97	354.84
DAIRY FARMS	375.62	373.69	366.39
POULTRY & EGGS	341.76	347.92	340.55
OTHER LIVESTOCK	305.72	302.24	297.39
TOTAL AGRICULTURAL SERVICES	269.18	244.62	276.82
CROP SERVICES	306.02	302.29	308.85
PLANT CULTIVATE & PROTECTION	352.47	371.91	376.18
HARVEST PRIMARILY BY MACHINE	378.08	318.71	372.72
PREPARATION SVCS FOR MARKET	280.85	278.78	278.59
COTTON GINNING	402.71	423.94	405.40
TOTAL FARM LABOR & MANAGEMENT	258.23	227.92	267.85
FARM LABOR CONTRACTORS	254.41	222.30	263.84
FARM MANAGEMENT SERVICES	312.55	304.58	325.73

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	44.8	43.7	45.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.9	46.0	45.8
TOTAL FIELD CROPS	50.0	52.7	53.1
COTTON	47.5	51.5	52.0
OTHER FIELD CROPS	53.5	54.5	54.7
VEGETABLES AND MELONS	45.2	51.1	46.2
TOTAL FRUITS AND TREE NUTS	43.6	42.7	43.8
GRAPES	43.5	42.8	43.9
TREE NUTS	49.6	48.0	48.8
CITRUS FRUITS	37.9	39.9	40.0
DECIDUOUS TREE FRUIT	41.5	39.5	41.5
OTHER FRUITS AND NUTS	42.5	44.3	42.8
HORTICULTURAL SPECIALTIES	44.5	44.0	44.1
GENERAL FARM PRIMARILY CROP	47.5	50.8	49.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.1	48.6	47.6
BEEF CATTLE FEED LOTS	53.9	52.6	51.9
BEEF CATTLE EXCEPT FEED LOTS	42.6	41.9	43.7
DAIRY FARMS	49.1	49.3	48.4
POULTRY & EGGS	44.5	46.7	44.4
OTHER LIVESTOCK	50.7	52.2	49.4
TOTAL AGRICULTURAL SERVICES	44.2	40.3	43.8
CROP SERVICES	42.8	43.0	42.6
PLANT CULTIVATE & PROTECTION	44.9	48.3	47.2
HARVEST PRIMARILY BY MACHINE	51.3	45.4	50.3
PREPARATION SVCS FOR MARKET	41.0	41.3	40.2
COTTON GINNING	44.4	47.0	44.5
TOTAL FARM LABOR & MANAGEMENT	44.6	39.5	44.2
FARM LABOR CONTRACTORS	44.4	39.0	43.9
FARM MANAGEMENT SERVICES	47.5	46.5	48.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	6.32	6.24	6.43
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.36	6.21	6.40
TOTAL FIELD CROPS	6.54	6.54	6.52
COTTON	6.50	6.50	6.38
OTHER FIELD CROPS	6.60	6.60	6.71
VEGETABLES AND MELONS	6.07	6.05	6.38
TOTAL FRUITS AND TREE NUTS	6.40	6.21	6.42
GRAPES	6.58	6.41	6.47
TREE NUTS	6.20	5.91	6.28
CITRUS FRUITS	6.95	6.81	6.78
DECIDUOUS TREE FRUIT	5.83	5.64	6.37
OTHER FRUITS AND NUTS	6.19	6.16	6.26
HORTICULTURAL SPECIALTIES	7.34	7.23	7.32
GENERAL FARM PRIMARILY CROP	6.13	6.00	6.16
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.54	7.43	7.49
BEEF CATTLE FEED LOTS	6.89	7.00	7.17
BEEF CATTLE EXCEPT FEED LOTS	8.15	8.09	8.12
DAIRY FARMS	7.65	7.58	7.57
POULTRY & EGGS	7.68	7.45	7.67
OTHER LIVESTOCK	6.03	5.79	6.02
TOTAL AGRICULTURAL SERVICES	6.09	6.07	6.32
CROP SERVICES	7.15	7.03	7.25
PLANT CULTIVATE & PROTECTION	7.85	7.70	7.97
HARVEST PRIMARILY BY MACHINE	7.37	7.02	7.41
PREPARATION SVCS FOR MARKET	6.85	6.75	6.93
COTTON GINNING	9.07	9.02	9.11
TOTAL FARM LABOR & MANAGEMENT	5.79	5.77	6.06
FARM LABOR CONTRACTORS	5.73	5.70	6.01
FARM MANAGEMENT SERVICES	6.58	6.55	6.73

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# SOUTH COAST

## Wage and Salary Employment

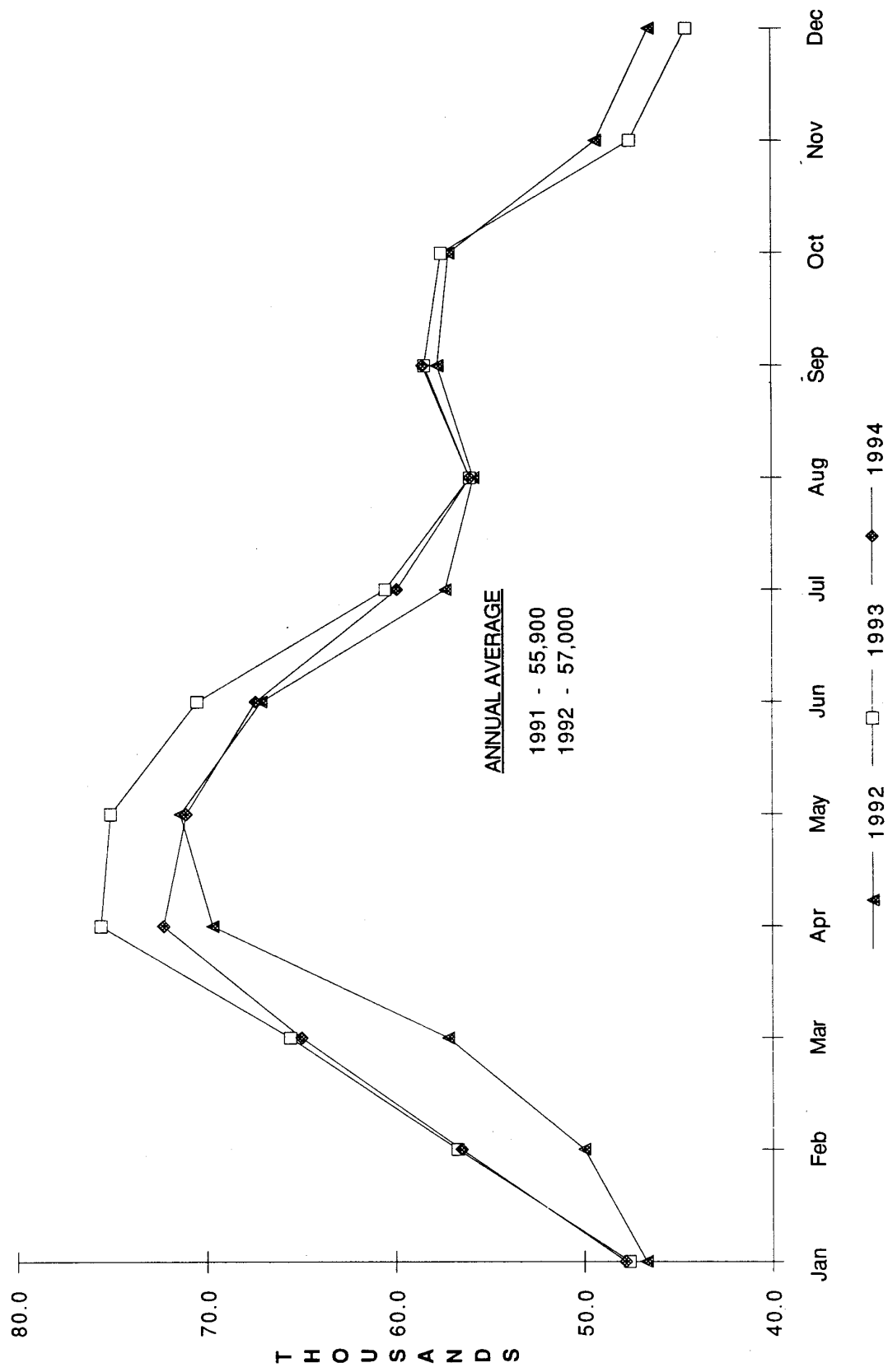


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	58.5	56.0	59.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.3	36.7	38.5
VEGETABLES AND MELONS	9.6	9.2	9.7
TOTAL FRUITS AND TREE NUTS	8.7	8.2	8.7
BERRIES	4.0	3.5	3.9
CITRUS FRUITS	1.7	1.8	1.7
OTHER FRUITS AND NUTS	3.0	2.9	3.1
TOTAL HORTICULTURAL SPECIALTIES	14.8	14.8	14.9
ORNAMENTAL FLORAL & NURSERY	14.1	14.1	14.2
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	5.2	4.5	5.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.2	2.1
TOTAL AGRICULTURAL SERVICES	18.0	17.1	18.8
CROP SERVICES	5.8	5.9	5.9
HARVEST PRIMARILY BY MACHINE	2.8	2.8	2.8
PREPARATION SVCS FOR MARKET	3.0	3.1	3.1
TOTAL FARM LABOR & MANAGEMENT	12.2	11.2	12.9
FARM LABOR CONTRACTORS	10.6	9.6	11.4
FARM MANAGEMENT SERVICES	1.6	1.6	1.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	52.6	50.2	53.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	33.7	32.3	34.1
VEGETABLES AND MELONS	8.8	8.5	9.0
TOTAL FRUITS AND TREE NUTS	8.0	7.5	8.0
BERRIES	3.7	3.3	3.7
CITRUS FRUITS	1.4	1.5	1.4
OTHER FRUITS AND NUTS	2.9	2.7	2.9
TOTAL HORTICULTURAL SPECIALTIES	12.2	12.1	12.3
ORNAMENTAL FLORAL & NURSERY	11.6	11.5	11.7
FOOD CROPS GROWN UNDER COVER	0.6	0.6	0.6
GENERAL FARM PRIMARILY CROP	4.7	4.2	4.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.9	1.8
TOTAL AGRICULTURAL SERVICES	17.1	16.0	17.9
CROP SERVICES	5.5	5.6	5.5
HARVEST PRIMARILY BY MACHINE	2.6	2.7	2.6
PREPARATION SVCS FOR MARKET	2.9	2.9	2.9
TOTAL FARM LABOR & MANAGEMENT	11.6	10.4	12.4
FARM LABOR CONTRACTORS	10.2	9.1	11.1
FARM MANAGEMENT SERVICES	1.4	1.3	1.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	281.66	284.70	275.99
TOTAL AGRICULTURAL PRODUCTION/CROPS	296.59	298.35	289.86
VEGETABLES AND MELONS	325.38	331.26	311.35
TOTAL FRUITS AND TREE NUTS	261.04	269.01	251.69
BERRIES	254.02	256.97	237.80
CITRUS FRUITS	306.77	309.41	306.77
OTHER FRUITS AND NUTS	246.64	261.08	242.94
TOTAL HORTICULTURAL SPECIALTIES	297.89	295.14	296.06
ORNAMENTAL FLORAL & NURSERY	290.37	287.45	287.91
FOOD CROPS GROWN UNDER COVER	434.21	445.97	446.11
GENERAL FARM PRIMARILY CROP	301.05	293.92	297.35
TOTAL AGRIC PRODUCTION/LIVESTOCK	324.43	317.15	332.10
TOTAL AGRICULTURAL SERVICES	247.54	252.01	244.49
CROP SERVICES	264.59	280.31	257.60
HARVEST PRIMARILY BY MACHINE	267.12	270.10	252.34
PREPARATION SVCS FOR MARKET	262.35	289.08	262.62
TOTAL FARM LABOR & MANAGEMENT	239.44	237.25	238.43
FARM LABOR CONTRACTORS	230.75	227.42	228.05
FARM MANAGEMENT SERVICES	302.33	307.48	325.49

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	43.2	43.8	42.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.7	45.9	44.8
VEGETABLES AND MELONS	49.3	48.5	47.9
TOTAL FRUITS AND TREE NUTS	41.9	44.1	40.4
BERRIES	43.2	46.3	41.5
CITRUS FRUITS	41.4	41.7	41.4
OTHER FRUITS AND NUTS	40.3	42.8	38.5
TOTAL HORTICULTURAL SPECIALTIES	45.9	45.9	45.9
ORNAMENTAL FLORAL & NURSERY	45.8	45.7	45.7
FOOD CROPS GROWN UNDER COVER	47.3	48.9	49.9
GENERAL FARM PRIMARILY CROP	45.0	44.0	43.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.2	42.8	45.0
TOTAL AGRICULTURAL SERVICES	38.2	39.5	37.1
CROP SERVICES	41.8	42.6	40.0
HARVEST PRIMARILY BY MACHINE	36.0	36.5	32.9
PREPARATION SVCS FOR MARKET	47.1	48.1	46.4
TOTAL FARM LABOR & MANAGEMENT	36.5	37.9	35.8
FARM LABOR CONTRACTORS	35.5	37.1	34.5
FARM MANAGEMENT SERVICES	43.5	43.8	46.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	6.52	6.50	6.54
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.49	6.50	6.47
VEGETABLES AND MELONS	6.60	6.83	6.50
TOTAL FRUITS AND TREE NUTS	6.23	6.10	6.23
BERRIES	5.88	5.55	5.73
CITRUS FRUITS	7.41	7.42	7.41
OTHER FRUITS AND NUTS	6.12	6.10	6.31
TOTAL HORTICULTURAL SPECIALTIES	6.49	6.43	6.45
ORNAMENTAL FLORAL & NURSERY	6.34	6.29	6.30
FOOD CROPS GROWN UNDER COVER	9.18	9.12	8.94
GENERAL FARM PRIMARILY CROP	6.69	6.68	6.82
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.51	7.41	7.38
TOTAL AGRICULTURAL SERVICES	6.48	6.38	6.59
CROP SERVICES	6.33	6.58	6.44
HARVEST PRIMARILY BY MACHINE	7.42	7.40	7.67
PREPARATION SVCS FOR MARKET	5.57	6.01	5.66
TOTAL FARM LABOR & MANAGEMENT	6.56	6.26	6.66
FARM LABOR CONTRACTORS	6.50	6.13	6.61
FARM MANAGEMENT SERVICES	6.95	7.02	6.94

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# CENTRAL COAST

## Wage and Salary Employment

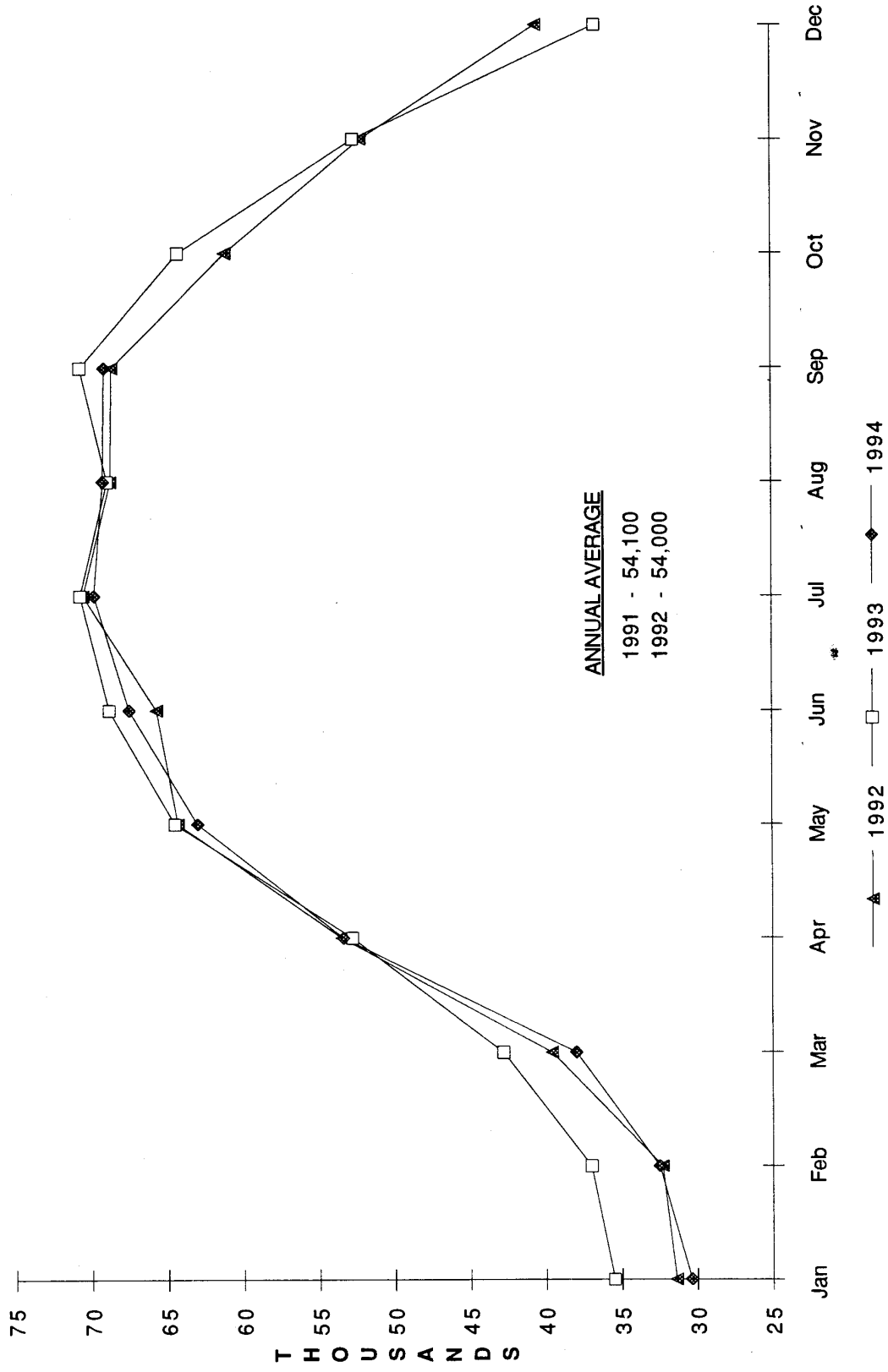


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	69.1	69.2	70.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.2	45.9	47.2
VEGETABLES AND MELONS	17.2	17.3	17.4
TOTAL FRUITS AND TREE NUTS	16.5	16.2	17.3
BERRIES	12.3	13.1	12.9
DECIDUOUS TREE FRUIT	2.3	1.8	2.4
OTHER FRUITS AND NUTS	1.9	1.3	2.0
TOTAL HORTICULTURAL SPECIALTIES	9.6	9.5	9.6
ORNAMENTAL FLORAL & NURSERY	7.4	7.3	7.4
FOOD CROPS GROWN UNDER COVER	2.2	2.2	2.2
GENERAL FARM PRIMARILY CROP	2.9	2.9	2.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	21.9	22.3	22.0
CROP SERVICES	11.4	11.6	11.5
HARVEST PRIMARILY BY MACHINE	3.2	3.4	3.2
PREPARATION SVCS FOR MARKET	8.2	8.2	8.3
TOTAL FARM LABOR & MANAGEMENT	10.5	10.7	10.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	64.2	64.2	65.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.5	42.1	43.3
VEGETABLES AND MELONS	15.9	16.0	16.0
TOTAL FRUITS AND TREE NUTS	16.1	15.7	16.7
BERRIES	12.1	12.9	12.7
DECIDUOUS TREE FRUIT	2.2	1.6	2.2
OTHER FRUITS AND NUTS	1.8	1.2	1.8
TOTAL HORTICULTURAL SPECIALTIES	7.9	7.8	8.0
ORNAMENTAL FLORAL & NURSERY	6.0	5.9	6.1
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.9
GENERAL FARM PRIMARILY CROP	2.6	2.6	2.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.7	0.8	0.8
TOTAL AGRICULTURAL SERVICES	21.0	21.3	21.1
CROP SERVICES	10.6	10.7	10.6
HARVEST PRIMARILY BY MACHINE	3.0	3.2	3.0
PREPARATION SVCS FOR MARKET	7.6	7.5	7.6
TOTAL FARM LABOR & MANAGEMENT	10.4	10.6	10.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	307.73	307.73	307.57
TOTAL AGRICULTURAL PRODUCTION/CROPS	316.85	314.14	312.65
VEGETABLES AND MELONS	311.10	310.70	311.44
TOTAL FRUITS AND TREE NUTS	310.42	303.92	296.14
BERRIES	309.12	305.28	295.39
DECIDUOUS TREE FRUIT	285.08	252.89	261.80
OTHER FRUITS AND NUTS	355.66	360.64	349.73
TOTAL HORTICULTURAL SPECIALTIES	335.77	333.66	343.20
ORNAMENTAL FLORAL & NURSERY	319.34	319.28	320.22
FOOD CROPS GROWN UNDER COVER	388.27	379.14	416.87
GENERAL FARM PRIMARILY CROP	334.00	345.56	334.00
TOTAL AGRIC PRODUCTION/LIVESTOCK	320.35	324.08	323.35
TOTAL AGRICULTURAL SERVICES	288.04	293.73	296.06
CROP SERVICES	333.52	329.55	340.13
HARVEST PRIMARILY BY MACHINE	319.30	306.92	319.30
PREPARATION SVCS FOR MARKET	339.95	339.11	348.80
TOTAL FARM LABOR & MANAGEMENT	241.92	257.60	251.85

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	42.8	42.8	42.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.2	45.2	44.6
VEGETABLES AND MELONS	42.5	42.1	42.2
TOTAL FRUITS AND TREE NUTS	46.4	46.4	44.6
BERRIES	48.0	48.0	46.3
DECIDUOUS TREE FRUIT	41.8	37.3	38.5
OTHER FRUITS AND NUTS	41.5	41.5	41.0
TOTAL HORTICULTURAL SPECIALTIES	46.7	46.6	47.6
ORNAMENTAL FLORAL & NURSERY	47.1	47.3	47.3
FOOD CROPS GROWN UNDER COVER	45.2	44.5	48.7
GENERAL FARM PRIMARILY CROP	50.0	53.0	50.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.0	44.7	44.6
TOTAL AGRICULTURAL SERVICES	37.9	37.9	38.4
CROP SERVICES	39.8	39.0	40.3
HARVEST PRIMARILY BY MACHINE	41.2	39.5	41.2
PREPARATION SVCS FOR MARKET	39.3	38.8	40.0
TOTAL FARM LABOR & MANAGEMENT	36.0	36.8	36.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	7.19	7.19	7.22
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.01	6.95	7.01
VEGETABLES AND MELONS	7.32	7.38	7.38
TOTAL FRUITS AND TREE NUTS	6.69	6.55	6.64
BERRIES	6.44	6.36	6.38
DECIDUOUS TREE FRUIT	6.82	6.78	6.80
OTHER FRUITS AND NUTS	8.57	8.69	8.53
TOTAL HORTICULTURAL SPECIALTIES	7.19	7.16	7.21
ORNAMENTAL FLORAL & NURSERY	6.78	6.75	6.77
FOOD CROPS GROWN UNDER COVER	8.59	8.52	8.56
GENERAL FARM PRIMARILY CROP	6.68	6.52	6.68
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.45	7.25	7.25
TOTAL AGRICULTURAL SERVICES	7.60	7.75	7.71
CROP SERVICES	8.38	8.45	8.44
HARVEST PRIMARILY BY MACHINE	7.75	7.77	7.75
PREPARATION SVCS FOR MARKET	8.65	8.74	8.72
TOTAL FARM LABOR & MANAGEMENT	6.72	7.00	6.90

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# DESERT

## Wage and Salary Employment

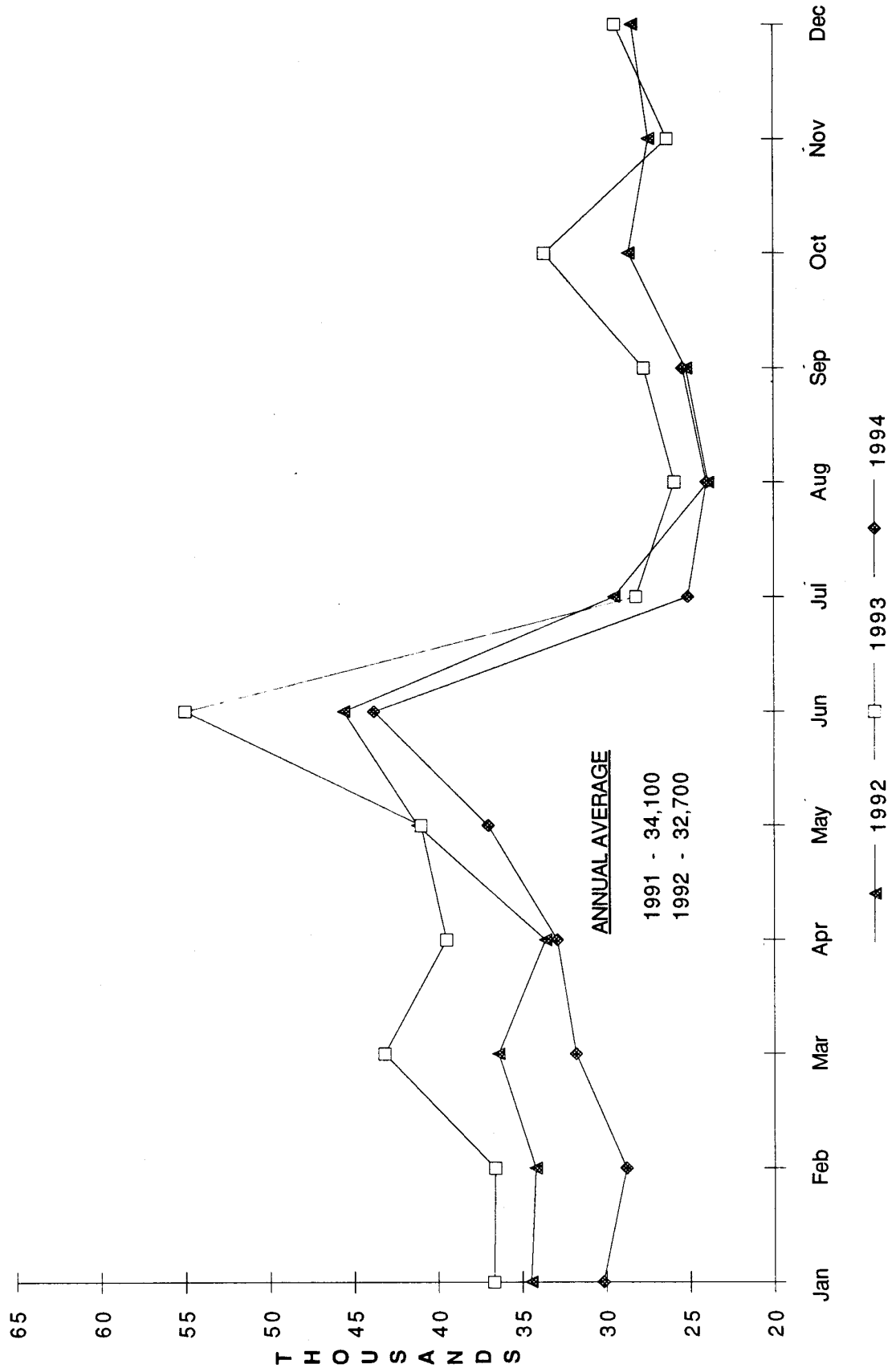


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	25.4	24.0	25.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.6	10.5	12.2
FIELD CROPS	1.8	1.8	1.8
VEGETABLES AND MELONS	1.7	1.5	1.7
TOTAL FRUITS AND TREE NUTS	3.9	3.1	4.6
GRAPES	1.3	1.3	2.1
CITRUS FRUITS	1.3	0.9	1.1
OTHER FRUITS AND NUTS	1.3	0.9	1.4
HORTICULTURAL SPECIALTIES	0.8	0.8	0.8
GENERAL FARM PRIMARILY CROP	3.4	3.3	3.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.2	5.2	5.2
DAIRY FARMS	2.5	2.5	2.5
CHICKEN EGGS	1.3	1.3	1.3
OTHER LIVESTOCK	1.4	1.4	1.4
TOTAL AGRICULTURAL SERVICES	8.6	8.3	8.2
CROP SERVICES	5.3	5.4	5.0
PLANT CULTIVATE & PROTECTION	0.6	0.6	0.7
HARVEST PRIMARILY BY MACHINE	1.5	1.5	1.2
PREPARATION SVCS FOR MARKET	3.2	3.3	3.1
TOTAL FARM LABOR & MANAGEMENT	3.3	2.9	3.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	22.9	21.5	23.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.3	9.2	10.9
FIELD CROPS	1.6	1.7	1.6
VEGETABLES AND MELONS	1.6	1.4	1.6
TOTAL FRUITS AND TREE NUTS	3.5	2.6	4.2
GRAPES	1.2	1.1	1.9
CITRUS FRUITS	1.2	0.8	1.1
OTHER FRUITS AND NUTS	1.1	0.7	1.2
HORTICULTURAL SPECIALTIES	0.6	0.6	0.6
GENERAL FARM PRIMARILY CROP	3.0	2.9	2.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.7	4.6	4.6
DAIRY FARMS	2.4	2.4	2.4
CHICKEN EGGS	1.0	0.9	0.9
OTHER LIVESTOCK	1.3	1.3	1.3
TOTAL AGRICULTURAL SERVICES	7.9	7.7	7.5
CROP SERVICES	4.8	4.9	4.4
PLANT CULTIVATE & PROTECTION	0.5	0.4	0.5
HARVEST PRIMARILY BY MACHINE	1.4	1.5	1.2
PREPARATION SVCS FOR MARKET	2.9	3.0	2.7
TOTAL FARM LABOR & MANAGEMENT	3.1	2.8	3.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	312.36	312.13	312.75
TOTAL AGRICULTURAL PRODUCTION/CROPS	309.54	320.41	309.88
FIELD CROPS	302.51	313.26	302.55
VEGETABLES AND MELONS	320.50	274.37	327.82
TOTAL FRUITS AND TREE NUTS	277.07	311.75	293.58
GRAPES	294.29	355.95	335.79
CITRUS FRUITS	308.61	293.44	290.57
OTHER FRUITS AND NUTS	226.73	265.59	229.55
HORTICULTURAL SPECIALTIES	320.23	341.38	330.28
GENERAL FARM PRIMARILY CROP	344.78	348.45	323.27
TOTAL AGRIC PRODUCTION/LIVESTOCK	405.25	397.70	405.59
DAIRY FARMS	485.53	466.38	467.96
CHICKEN EGGS	303.56	309.60	333.65
OTHER LIVESTOCK	334.03	333.42	337.88
TOTAL AGRICULTURAL SERVICES	259.78	250.52	259.90
CROP SERVICES	256.54	257.07	246.57
PLANT CULTIVATE & PROTECTION	292.13	269.19	306.67
HARVEST PRIMARILY BY MACHINE	214.00	203.62	186.26
PREPARATION SVCS FOR MARKET	271.33	281.06	262.79
TOTAL FARM LABOR & MANAGEMENT	265.27	238.60	277.61

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	45.8	45.7	45.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	48.9	50.3	47.6
FIELD CROPS	46.9	49.1	47.2
VEGETABLES AND MELONS	52.8	45.5	52.2
TOTAL FRUITS AND TREE NUTS	42.3	46.6	42.0
GRAPES	46.2	52.5	45.5
CITRUS FRUITS	40.5	44.8	37.3
OTHER FRUITS AND NUTS	40.2	39.7	40.7
HORTICULTURAL SPECIALTIES	44.6	45.7	46.0
GENERAL FARM PRIMARILY CROP	56.8	57.5	53.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.3	47.8	48.4
DAIRY FARMS	49.9	47.3	47.8
CHICKEN EGGS	49.2	49.3	50.4
OTHER LIVESTOCK	48.2	47.7	48.2
TOTAL AGRICULTURAL SERVICES	39.6	38.9	39.2
CROP SERVICES	40.4	41.8	39.2
PLANT CULTIVATE & PROTECTION	44.6	41.8	44.9
HARVEST PRIMARILY BY MACHINE	33.7	33.6	28.7
PREPARATION SVCS FOR MARKET	43.0	45.7	42.8
TOTAL FARM LABOR & MANAGEMENT	38.5	33.7	39.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	6.82	6.83	6.95
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.33	6.37	6.51
FIELD CROPS	6.45	6.38	6.41
VEGETABLES AND MELONS	6.07	6.03	6.28
TOTAL FRUITS AND TREE NUTS	6.55	6.69	6.99
GRAPES	6.37	6.78	7.38
CITRUS FRUITS	7.62	6.55	7.79
OTHER FRUITS AND NUTS	5.64	6.69	5.64
HORTICULTURAL SPECIALTIES	7.18	7.47	7.18
GENERAL FARM PRIMARILY CROP	6.07	6.06	6.02
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.22	8.32	8.38
DAIRY FARMS	9.73	9.86	9.79
CHICKEN EGGS	6.17	6.28	6.62
OTHER LIVESTOCK	6.93	6.99	7.01
TOTAL AGRICULTURAL SERVICES	6.56	6.44	6.63
CROP SERVICES	6.35	6.15	6.29
PLANT CULTIVATE & PROTECTION	6.55	6.44	6.83
HARVEST PRIMARILY BY MACHINE	6.35	6.06	6.49
PREPARATION SVCS FOR MARKET	6.31	6.15	6.14
TOTAL FARM LABOR & MANAGEMENT	6.89	7.08	7.10

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SACRAMENTO

## Wage and Salary Employment

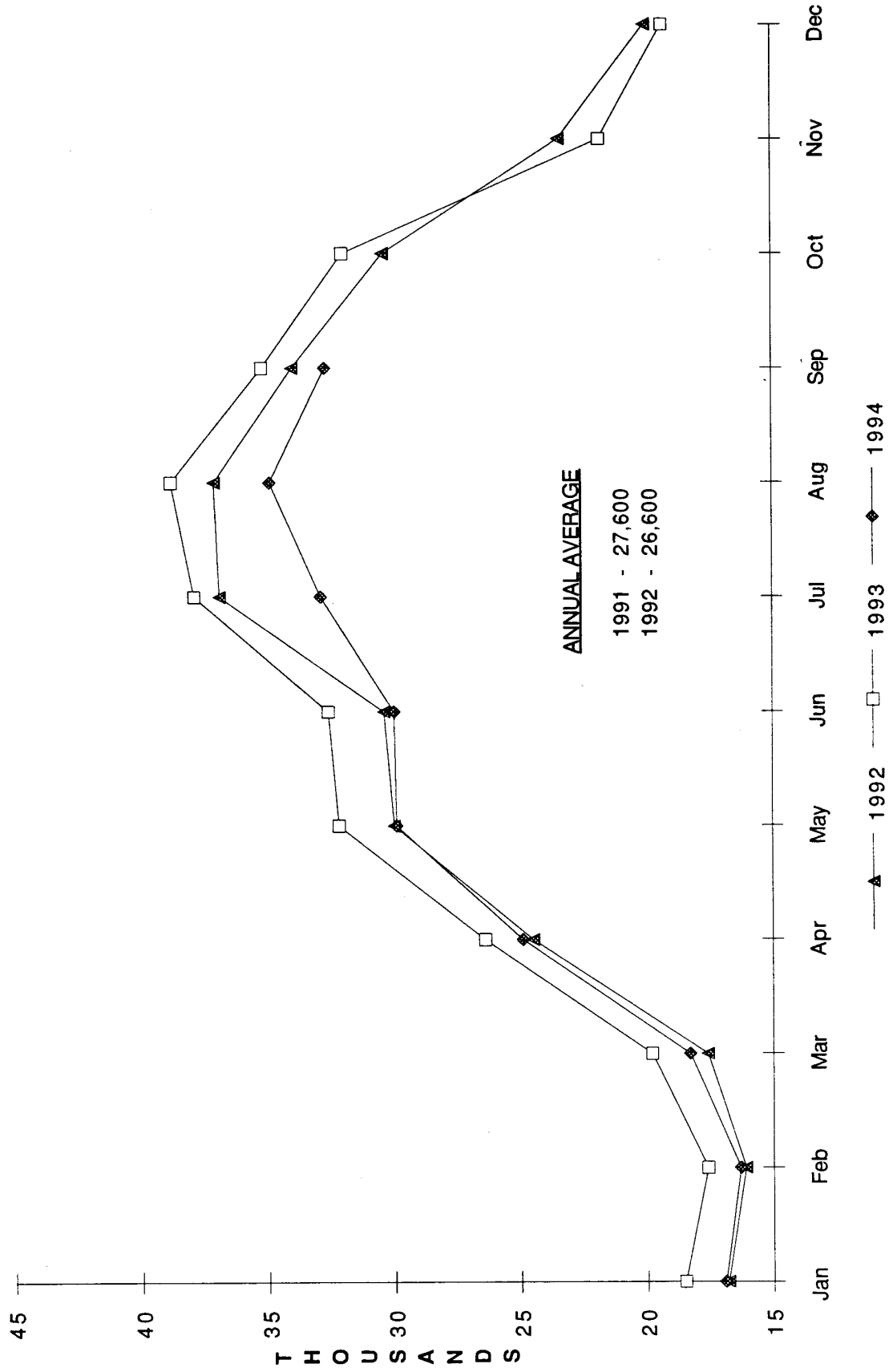


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	32.7	34.9	33.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	23.9	25.4	24.5
RICE	1.5	1.4	1.5
VEGETABLES AND MELONS	2.9	3.2	2.9
TOTAL FRUIT AND TREE NUTS	10.4	11.2	10.9
TREE NUTS	3.1	2.2	3.1
DECIDUOUS TREE FRUIT	5.3	7.3	5.6
OTHER FRUITS AND NUTS	2.0	1.7	2.2
HORTICULTURAL SPECIALTIES	1.3	1.4	1.3
GENERAL FARM PRIMARILY CROP	7.8	8.2	7.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.5	1.5
TOTAL AGRICULTURAL SERVICES	7.3	8.0	7.2
CROP SERVICES	2.5	2.6	2.5
HARVEST PRIMARILY BY MACHINE	1.0	1.0	0.9
PREPARATION SVCS FOR MARKET	1.5	1.6	1.6
TOTAL FARM LABOR & MANAGEMENT	4.8	5.4	4.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	30.3	32.2	30.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	22.3	23.6	22.4
RICE	1.3	1.2	1.3
VEGETABLES AND MELONS	2.8	3.1	2.8
TOTAL FRUIT AND TREE NUTS	9.8	10.5	9.8
TREE NUTS	3.0	2.0	2.9
DECIDUOUS TREE FRUIT	4.9	6.9	4.8
OTHER FRUITS AND NUTS	1.9	1.6	2.1
HORTICULTURAL SPECIALTIES	1.1	1.1	1.1
GENERAL FARM PRIMARILY CROP	7.3	7.7	7.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.3	1.3	1.3
TOTAL AGRICULTURAL SERVICES	6.7	7.3	6.7
CROP SERVICES	2.0	2.0	2.0
HARVEST PRIMARILY BY MACHINE	0.8	0.7	0.7
PREPARATION SVCS FOR MARKET	1.2	1.3	1.3
TOTAL FARM LABOR & MANAGEMENT	4.7	5.3	4.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	305.76	290.97	318.40
TOTAL AGRICULTURAL PRODUCTION/CROPS	314.10	299.60	328.41
RICE	395.91	342.64	412.10
VEGETABLES AND MELONS	367.32	369.84	383.40
TOTAL FRUIT AND TREE NUTS	268.06	245.81	282.73
TREE NUTS	312.42	288.61	322.91
DECIDUOUS TREE FRUIT	261.38	243.01	276.74
OTHER FRUITS AND NUTS	216.50	204.77	240.12
HORTICULTURAL SPECIALTIES	316.24	324.58	312.22
GENERAL FARM PRIMARILY CROP	338.93	333.68	355.88
TOTAL AGRIC PRODUCTION/LIVESTOCK	290.30	290.65	308.75
TOTAL AGRICULTURAL SERVICES	283.33	263.93	287.63
CROP SERVICES	349.32	307.29	375.50
HARVEST PRIMARILY BY MACHINE	360.84	334.25	368.93
PREPARATION SVCS FOR MARKET	341.25	292.74	378.98
TOTAL FARM LABOR & MANAGEMENT	256.03	247.31	250.38

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	49.0	47.7	50.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	49.7	48.4	51.8
RICE	52.3	49.3	54.8
VEGETABLES AND MELONS	52.7	55.2	54.0
TOTAL FRUIT AND TREE NUTS	43.8	40.9	47.2
TREE NUTS	49.2	46.7	51.5
DECIDUOUS TREE FRUIT	42.5	40.3	46.2
OTHER FRUITS AND NUTS	38.8	36.5	43.5
HORTICULTURAL SPECIALTIES	47.2	48.3	46.6
GENERAL FARM PRIMARILY CROP	56.3	55.8	57.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.3	45.7	47.5
TOTAL AGRICULTURAL SERVICES	47.3	45.9	47.7
CROP SERVICES	46.7	44.6	50.0
HARVEST PRIMARILY BY MACHINE	48.5	49.3	50.4
PREPARATION SVCS FOR MARKET	45.5	42.0	49.8
TOTAL FARM LABOR & MANAGEMENT	47.5	46.4	46.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	6.24	6.10	6.28
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.32	6.19	6.34
RICE	7.57	6.95	7.52
VEGETABLES AND MELONS	6.97	6.70	7.10
TOTAL FRUIT AND TREE NUTS	6.12	6.01	5.99
TREE NUTS	6.35	6.18	6.27
DECIDUOUS TREE FRUIT	6.15	6.03	5.99
OTHER FRUITS AND NUTS	5.58	5.61	5.52
HORTICULTURAL SPECIALTIES	6.70	6.72	6.70
GENERAL FARM PRIMARILY CROP	6.02	5.98	6.20
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.27	6.36	6.50
TOTAL AGRICULTURAL SERVICES	5.99	5.75	6.03
CROP SERVICES	7.48	6.89	7.51
HARVEST PRIMARILY BY MACHINE	7.44	6.78	7.32
PREPARATION SVCS FOR MARKET	7.50	6.97	7.61
TOTAL FARM LABOR & MANAGEMENT	5.39	5.33	5.35

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# NORTH COAST

## Wage and Salary Employment

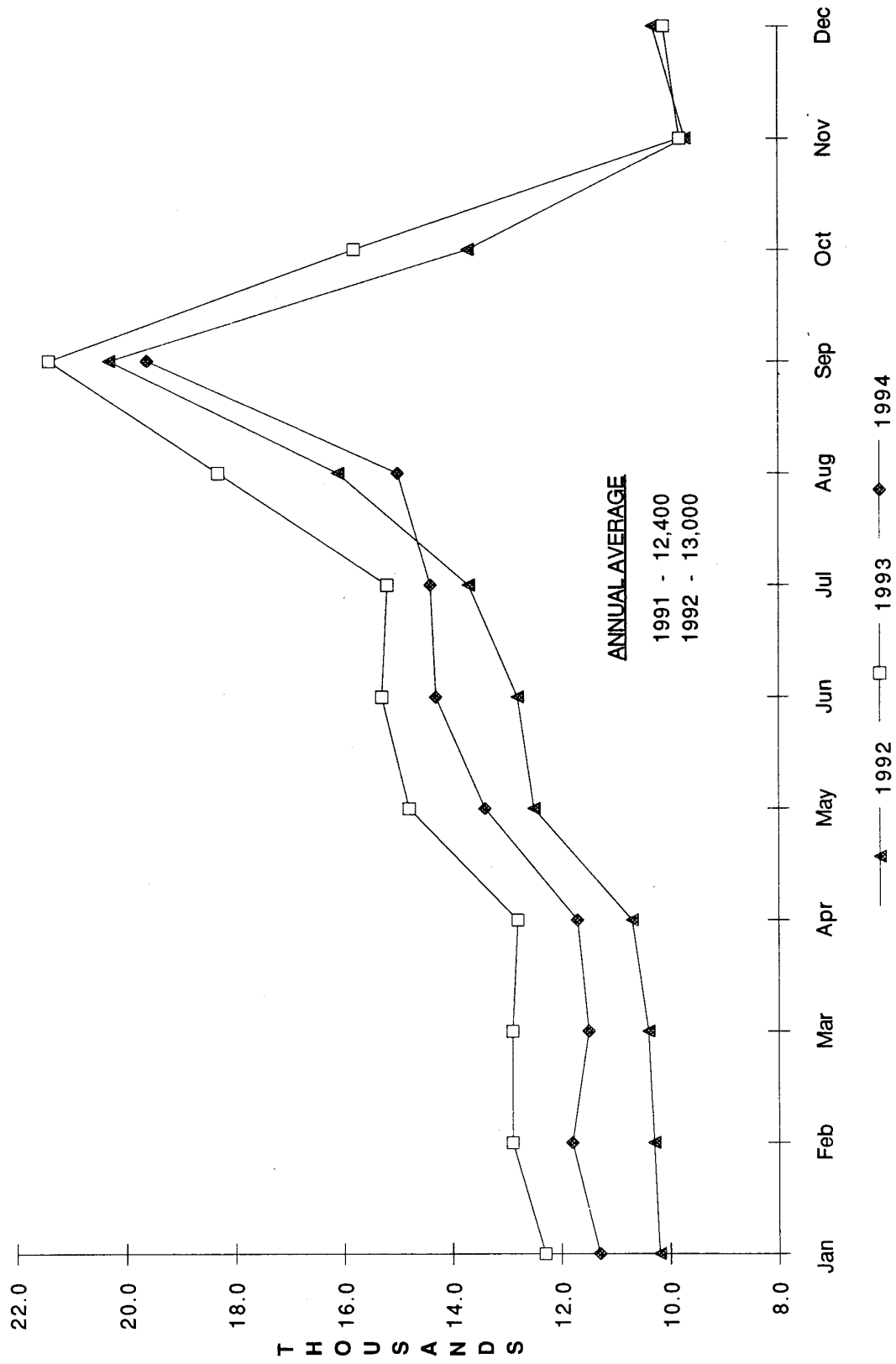


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	19.6	15.0	19.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	14.0	10.3	13.6
TOTAL FRUITS AND TREE NUTS	11.5	8.0	11.1
GRAPES	10.0	5.6	9.8
OTHER FRUITS AND NUTS	1.5	2.4	1.3
TOTAL HORTICULTURAL SPECIALTIES	1.3	1.2	1.3
GENERAL FARM PRIMARILY CROP (2)	1.2	1.1	1.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	1.9	2.0
TOTAL AGRICULTURAL SERVICES	3.6	2.8	3.8

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	16.9	12.5	17.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.9	8.3	11.7
TOTAL FRUITS AND TREE NUTS	9.8	6.2	9.5
GRAPES	8.4	4.0	8.3
OTHER FRUITS AND NUTS	1.4	2.2	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.0	1.0	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	3.3	2.5	3.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	297.59	306.71	290.69
TOTAL AGRICULTURAL PRODUCTION/CROPS	293.28	304.30	283.75
TOTAL FRUITS AND TREE NUTS	291.03	300.23	278.10
GRAPES	286.99	303.16	277.36
OTHER FRUITS AND NUTS	315.00	294.83	282.66
TOTAL HORTICULTURAL SPECIALTIES	287.86	301.46	291.87
TOTAL AGRIC PRODUCTION/LIVESTOCK	313.94	316.92	311.21
TOTAL AGRICULTURAL SERVICES	305.55	307.50	304.15

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	38.9	41.9	38.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.0	42.5	38.5
TOTAL FRUITS AND TREE NUTS	36.7	39.4	35.7
GRAPES	35.3	37.8	34.8
OTHER FRUITS AND NUTS	45.0	42.3	42.0
TOTAL HORTICULTURAL SPECIALTIES	41.3	43.5	42.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.1	45.6	45.3
TOTAL AGRICULTURAL SERVICES	35.0	37.5	34.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1994	AUG 1994	SEP 1993
TOTAL AGRICULTURAL	7.65	7.32	7.57
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.52	7.16	7.37
TOTAL FRUITS AND TREE NUTS	7.93	7.62	7.79
GRAPES	8.13	8.02	7.97
OTHER FRUITS AND NUTS	7.00	6.97	6.73
TOTAL HORTICULTURAL SPECIALTIES	6.97	6.93	6.90
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.81	6.95	6.87
TOTAL AGRICULTURAL SERVICES	8.73	8.20	8.74

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.